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## (54) BUTTON RETENTION, ASSEMBLY, AND WATER SEALING

(71) Applicant: **Apple Inc.**, Cupertino, CA (US)

(72) Inventor: Colin M. Ely, Cupertino, CA (US)

(73) Assignee: **Apple Inc.**, Cupertino, CA (US)

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### (57) ABSTRACT

A sealed physical button for use with a portable electronic device that effectively presents ingress of liquids. Embodiments include a button cap having flange portions that interlock with complementary flanges from a button retainer. The button cap may also include a downward oriented central post, proportioned and oriented to interface with the top surface of a button attached to a bracket. The button retainer may include an aperture sized and positioned to receive the central post of the button cap. The button retainer may rest on a shelf within the electronic device housing such that the shelf interposes the bracket and the retainer to form a rigid seal.

